What is claimed is:

1. A box bottomed sack comprising:

a sack body having one end folded into a box bottom configuration, the sack body constructed from a fabric made from materials selected from a list including materials woven from monoaxially oriented tapes, cotton, jute, hemp, nylon, and polyester; and

a cover sheet, attached to the folded end of the sack body, the cover sheet constructed from a fabric made from materials selected from a list including materials woven from monoaxially oriented tapes, cotton, jute, hemp, nylon, polyester and non woven materials including paper, film or foil, the material selected so that exactly one of the sack body and cover sheet are constructed from monoaxially oriented woven tape fabric.

2. The box bottomed sack of claim 1, further including a liner, attached to the sack body.

3. The box bottomed sack of claim 2, wherein the liner is open at both ends and is affixed to the ends of the sack body.

4. The box bottomed sack of claim 2, wherein the liner has both an open end and a closed end, is larger than the sack body in at least 1 dimension, and is affixed to the sack body by its open end.

5. The box bottomed sack of claim 2, wherein the liner is attached to the sack body by stitching.

6. The box bottomed sack of claim 2, wherein the liner is micro perforated.

7. The box bottomed sack of claim 2, wherein the folded end of the sack body includes a self closing valve open to the interior of the liner.

8. The box bottomed sack of claim 2, wherein the liner has a thickness of about 5-100 μm.

9. The box bottomed sack of claim 1, wherein the cover sheet is attached to the sack body by an attachment method selected from a list including heat sealing, gluing, sewing, tacking, taping and slit die extrusion.

10. The box bottomed sack of claim 1, wherein at least one of the sack body and the cover sheet are laminated.

11. The box bottomed sack of claim 10, wherein the at least one of the sack body and the coversheet are laminated with a material selected from a list including polyethylene, polypropylene, polyolefins, and ethylene vinyl acetate.

12. The box bottomed sack of claim 10, wherein the cover sheet is attached to the sack body by fusing the sack body and the cover sheet by an method selected from a list including heat sealing, ultrasonic plastic welding, heating plate pressing, heat plate pinning, friction welding and slit die extrusion.

13. The box bottomed sack of claim 1, wherein the folded end of the sack body includes a valve.

14. The box bottomed sack of claim 13, wherein the valve is self closing.

15. The box bottomed sack of claim 13, wherein the valve is disposed between the folded end and the coversheet.

16. The box bottomed sack of claim 1 including a layer of molten plastic material interposed between the folded end and the cover sheet.

17. The box bottomed sack of claim 1, wherein the tapes in the monoaxially oriented woven tape fabric have a thickness of about 10-80 μm.

18. The box bottomed sack of claim 1, the sack body has both ends folded into a box bottom configuration, and the sack includes a second cover sheet, attached to the second folded end of the sack body, the second cover sheet constructed from a material selected from a list including materials woven from monoaxially oriented tapes, cotton, jute, hemp, nylon, polyester and non woven materials including paper, film or foil .